

## ABSTRACT

A push-to-talk controller in a wireless network, comprising a presence server and a push-to-talk server, establishes a local ad hoc group session between an inviting mobile terminal and local mobile terminals responsive to a push-to-talk request from the inviting mobile terminal. The presence server identifies local mobile terminals within a local area of the inviting mobile terminal. The push-to-talk server then establishes the group session between the inviting mobile terminal and one or more local mobile terminals in the local area. In exemplary embodiments, the push-to-talk server sends an invite message to each of the local mobile terminals identified by the presence server and establishes the local ad hoc group session between the inviting mobile terminal and one or more of the local mobile terminals that respond to the invite message.